624



SEQ ID NO 1:

rAsp f6 DNA sequence length: 624

CAATACACGC TCCCACCCCT CCCCTACCCC TACGATGCCC TCCAACCCTA 50

5 CATCTCCCAA CAGATCATGG AGCTGCACCA CAAAAAGCAC CATCAAACCT 100

ACGTCAATGG CCTGAATGCC GCACTCGAGG CGCAGAAGAA AGCGGCGGAA 150

GCCAACGACG TCCCCAAGCT CGTCTCCGTG CAGCAAGCGA TCAAATTCAA 200

CGGCGGGGGG CACATCAACC ATTCCCTCTT CTGGAAGAAT CTGGCCCCGG 250

AGAAATCCGG GGGTGGCAAG ATCGATCAGG CACCGGTCCT CAAAGCAGCC 300

ATCGAGCAGC GTTGGGGATC CTTCGATAAG TTCAAGGATG CTTTCAACAC 350

GACCCTGCTG GGCATTCAGG GCAGCGGATG GGGTTGGTTA GTGACCGACG 400

GACCCAAGGG AAAGCTAGAC ATTACCACAA CCCACGACCA GGATCCGGTG 450

ACCGGGGCGG CCCCCGTCTT TGGGGTGGAT ATGTGGGAGC ATGCTTACTA 500

CCTTCAGTAC TTGAACGACA AAGCCTCGTA TGCCAAGGGC ATCTGGAACG 550

TGATCAACTG GGCTGAAGCG GAGAATCGGT ACATAGCGGG TGACAAGGGT 600

SEQ ID NO 2:

GGACACCCAT TCATGAAGCT GTGA

rAsp f6 Amino acid sequence Length: 207

20 QYTLPPLPYP YDALQPYISQ QIMELHHKKH HQTYVNGLNA ALEAQKKAAE 50

ANDVPKLVSV QQAIKFNGGG HINHSLFWKN LAREKSGGGK IDQAPVLKAA 100

IEQRWGSFDK FKDAFNTTLL GIQGSGWGWL VTDGPKGKLD ITTTHDQDPV 150

TGAAPVFGVD MWEHAYYLQY LNDKASYAKG IWNVINWAEA ENRYIAGDKG 200

GHPFMKL

SEQ ID NO 3:

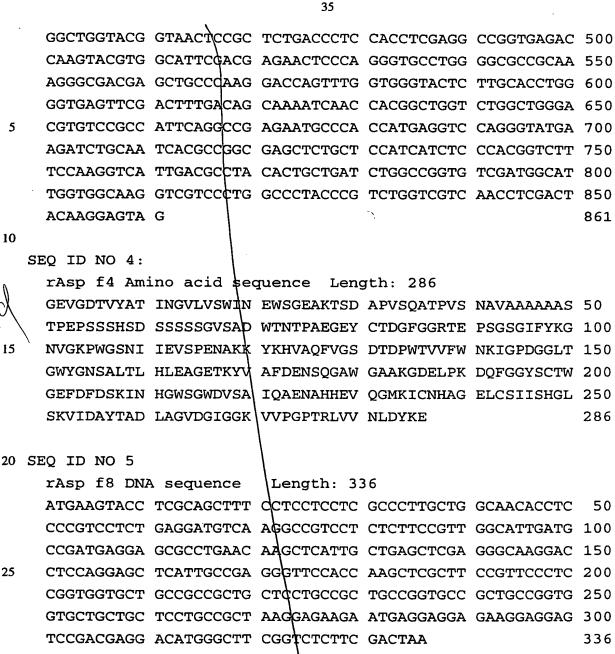
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GCGAGGTCG GCGACACTGT CTACGCTACT ATAAACGGTG TCCTCGTCTC 50
GTGGATCAAC GAGTGGTCCG GCGAGGCTAA GACCTCCGAC GCTCCCGTCT 100

30 CTCAGGCTAC TCCCGTCAGC AACGCTGTGG CTGCCGCCGG CGCCGCTTCT 150
ACTCCGGAGC CCAGCTCTTC CCACTCCGAC AGTTCTTCAT CCTCCGGCGT 200
CTCCGCCGAC TGGACCAACA CCCCTGCCGA AGGCGAGTAC TGCACTGACG 250
GCTTCGGTGG CAGGACCGAA CCCAGCGGCT CCGGTATCTT CTACAAGGGC 300
AACGTTGGTA AACCCTGGGG CAGCAACATC ATCGAGGTCT CCCCCGAGAA 350
CGCCAAGAAG TACAAGCACG TCGCTCAGTT TGTTGGCAGC GACACTGACC 400
CCTGGACCGT TGTCTTCTGG AACAAGATCG GCCCCGATGG TGGCCTTACT 450

5

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30 SEQ ID NO 6

rAsp f8 amino acid sequence Length: 111 MKYLAAFLLL ALAGNTSPSS EDVKAVLSSV GIDADEERLN KLIAELEGKD 50 LOELIAEGST KLASVPSGGA AAAAPÅAAGA AAGGAAAPAA KEKNEEEKEE 100 SDEDMGFGLF D 111

35

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